Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 19 Oct 2023 until 23:59 on Friday 20 Oct 2023

Forecast Issued on Thursday 19 Oct 2023 at 02:34

Confidence: High for unsettled and changeable conditions through the next few days. Lower for rain and wind details.

Headline for Thursday 19 Oct 2023: Low cloud and some rain in morning. Brighter with heavy showers in afternoon. Breezy on the tops.

Mountain weather hazards on Thursday 19 Oct 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Fog	Light rain	Sunny intervals	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
70%	60%	40%	30%	30%	30%

Forecast for Thursday 19 Oct 2023

Weather: Rain overnight and early in the morning, heavy at times with easterly gales on the tops. Rain becoming lighter in the morning with winds easing then some bright or sunny spells developing in the afternoon. A few showers will develop, some heavy with a small risk of thunder. Feeling rather warm and humid in the afternoon.

Chance of cloud-free hill tops above 600m: 10% overnight and in the morning, becoming 70% during the afternoon.

Low Cloud and visibility: Very poor visibility overnight and in the morning with extensive cloud and fog above 300 or 400m. Improving in the afternoon with cloud lifting and breaking up but locally poor in showers with patchy cloud down to 400m. Low cloud becoming more extensive again during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 19 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/14 S	15/21 S	16/23 SE	14/21 SE	14/23 SE	12/20 E	13/19 E
300	4/14 S	7/17 SE	11/22 SE	9/20 SE	10/23 SE	8/19 E	8/19 E
Valley	4/10 SE	5/16 SE	11/23 SE	8/18 SE	9/22 E	8/20 E	7/17 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	10/7	12/9	12/10	12/9	11/9	11/8
300	10/9	11/10	13/12	14/13	13/12	13/12	12/11
Valley	11/10	13/12	15/14	16/15	14/13	14/13	14/13
Freezing Level*	3000m	2800m	2700m	2300m	2500m	2400m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gales and persistent heavy rain will present a hazard overnight but easing by dawn. Difficult navigation conditions in the morning then improving in the afternoon but a chance of heavy showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 19 Oct 2023	2.4mm	2.4mm	2.4mm

Forecast for Friday 20 Oct 2023

Weather: Showery rain overnight, heavy and possibly thundery at times but clearing around dawn. Mainly dry start to the morning then outbreaks of rain arriving, becoming persistent and occasionally heavy especially in the east. Easterly winds becoming very strong on the tops.

Maximum wind: East or Northeast 20mph gusts 30mph increasing to 30-40mph with gusts 50-60mph.

Chance of cloud-free hill tops above 600m: 30%.

Low Cloud and visibility: Areas of low cloud and fog above 300 or 400m, mainly across eastern hills. Below the cloud, rather hazy, occasionally poor in rain.

Temperature: **Valleys:** 12C rising to 14C.
At 600m: Plus 10C falling to 7C during the day.
Freezing level: Above summits.

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